- 1 1. A method comprising:
- enabling an audio stream to be received;
- genabling the audio stream to be recorded on a
- 4 random access storage unit; and
- enabling a portion of the audio stream to be
- 6 retrieved from the storage unit while continuing to record
- 7 the audio stream.
- 1 2. The method of claim 1 wherein enabling an audio
- 2 stream to be received includes enabling a radio broadcast
- 3 to be received.
- 1 3. The method of claim 1 wherein enabling an audio
- 2 stream to be recorded includes enabling the audio stream to
- 3 be recorded to a hard disk drive.
- 1 4. The method of claim 1 wherein enabling a portion
- 2 of the audio stream to be retrieved includes enabling a
- 3 portion of the audio stream to be retrieved shifted by a
- 4 time delay and wherein after the time delay falls below a
- 5 predetermined threshold, enabling the retrieving of a
- 6 portion of the audio stream from the storage unit to be
- 7 discontinued.
- 5. The method of claim 1 including enabling the
- 2 initiation of one or more storage operations of the audio

- 3 stream into a random access storage unit and enabling
- 4 initiation of one or more random access reads of the audio
- 5 stream from the random access storage unit, wherein the one
- 6 or more stores are multiplexed with the one or more reads.
- 1 6. The method of claim 5 including enabling the one
- 2 or more reads of the audio stream from the storage unit to
- 3 be used to playback the audio stream at a rate faster than
- 4 it is being stored.
- 1 7. The method of claim 6 wherein after the time
- 2 delay falls below a predetermined amount of time, enabling
- 3 the one or more reads from the storage unit to be
- 4 terminated.
- 1 8. The method of claim 6 including enabling the one
- 2 or more reads to access the audio stream offset by a time
- 3 delay from the audio stream being stored, the time delay
- 4 being variable over time.
- 1 9. The method of claim 1 including enabling the
- 2 audio information to be stored as received, for playback in
- 3 the sequence the information was received and allowing
- 4 playback of any portion of the stored audio information
- 5 while continuing to store the incoming audio information.

- 1 10. The method of claim 1 including allowing the
- 2 playback of the audio information to be paused while
- 3 continuing to store the incoming audio information.
- 1 11. The method of claim 1 including enabling
- 2 automatic playback of a portion of said stored audio
- 3 information having a predetermined duration.
- 1 12. An article comprising a medium storing
- 2 instructions that enable a processor-based system to:
- 3 receive an audio stream;
- 4 record the audio stream to a random access
- 5 storage unit; and
- 6 retrieve a portion of the audio stream from the
- 7 storage unit while continuing to record the audio stream.
- 1 13. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to
- 3 receive a radio broadcast.
- 1 14. The article of claim 12 further storing
- 2 instructions that enable a processor-based system to record
- 3 the audio stream to a hard disk drive.
- 1 15. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to

- 3 retrieve the portion of the audio stream shifted by time
- 4 delay and wherein after the time delay falls below a
- 5 predetermined threshold, discontinue the retrieving of a
- 6 portion of the audio stream from the storage unit.
- 1 16. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to
- 3 initiate one or more storage operations in the audio stream
- 4 into random access storage units and initiate one or more
- 5 random access reads on the audio stream from the random
- 6 access storage unit, wherein the one or more storage are
- 7 multiplexed with the one or more reads.
- 1 17. The article of claim 16 further storing
- 2 instructions that enable the processor-based system to use
- 3 the one or more reads on the audio stream from a storage
- 4 unit to playback the audio stream at a faster rate than it
- 5 is being stored.
- 1 18. The article of claim 17 further storing
- 2 instructions that enable the processor-based system to
- 3 terminate the one or more reads from the storage unit after
- 4 the time delay falls below a predetermined amount of time.
- 1 19. The article of claim 17 further storing
- 2 instructions that enable the processor-based system to

- 3 access the audio stream by one or more reads offset by a
- 4 time delay from the time the audio stream is stored, the
- 5 time delay being variable over time.
- 1 20. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to
- 3 store the audio information as received, for playback in
- 4 the sequence the information was received and playback any
- 5 portion of the audio information while continuing to store
- 6 the incoming audio information.
- 1 21. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to
- 3 pause the playback of audio information while continuing to
- 4 store the incoming audio information.
- 1 22. The article of claim 12 further storing
- 2 instructions that enable the processor-based system to
- 3 automatically playback a portion of said stored audio
- 4 information having a predetermined duration.
- 1 23. A system comprising:
- 2 a processor;
- a randomly accessible memory coupled to said
- 4 processor;
- an audio receiver coupled to said processor; and

- a storage storing instructions that enable the
- 7 processor to record an audio stream onto said memory and to
- 8 retrieve a portion of the audio stream from the memory
- 9 while continuing to record the audio stream.
- 1 24. The system of claim 23 wherein said system
- 2 includes an MP3 player.
- 1 25. The system of claim 23 wherein said system
- 2 includes a radio receiver.
- 1 26. The system of claim 23 including a device to
- 2 compress an audio stream.
- 1 27. The system of claim 23 including a device to
- 2 decompress the stored audio stream.
- 1 28. The system of claim 23 wherein said system is a
- 2 computer system.
- 1 29. The system of claim 23 wherein said storage
- 2 stores instructions that cause the playback of the audio
- 3 stream to catch up with the ongoing recording of the audio
- 4 stream.

- 1 30. The system of claim 23 including a multiplexer to
- 2 multiplex reads and writes to said memory.